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IPC 7	- C22C30/00 C22C32/00 C22C19/0	5	
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	International Patent Classification (IPC) or to both national dessification	ion and if C	
Minimum do	cumentation searched (classification system followed by classification	n symbols)	
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Documentat	tion searched other than minimum documentation to the extent that sur	ch documents are included in the fields sear	ched .
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Electronic da	ata base consulted during the International search (name of data base	and, where practical, search terms used)	
EPO-In	ternal, COMPENDEX, PAJ, WPI Data, CH	EM ABS Data	
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C. DOCUME	ENTS CONSIDERED TO BE RELEVANT	•	
Calegory °	Citation of document, with Indication, where appropriate, of the relev	vant passages	Relevant to claim No.
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			15-17, 24,26,
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:	page 5, line 4		~ , 5~~ 5~~
· <u>· · · · · · · · · · · · · · · · · · </u>	page 4, lines 1-12	•	
Α			3,5,7,9,
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	column 1, line 57 - column 2, lin	e 17;	
	table 1		4 00
Α	claims 1-6		1-20
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Provide		The state of the s	
X Furu	ner documents are listed in the continuation of box C.	X Patent family members are listed in	annex.
° Special car	tegories of cited documents:	"T" later document published after the Intern	national filling date
"A" docume consid	ent defining the general state of the art which is not level to be of particular relevance	or priority date and not in conflict with the cited to understand the principle or the invention	ne application but any underlying the
	focument but published on or after the International	"X" document of particular relevance; the cla	dimed invention
"L" docume	nt which may throw doubts on priority daim(s) or	cannot be considered novel or cannot to involve an inventive step when the doc	ument is taken alone
chatlor	n or other special reason (as specified)	"Y" document of particular relevance; the cit cannot be considered to involve an invi	entive step when the
other n		document is combined with one or mon ments, such combination being obvious	
"P" docume later th	ent published prior to the International filing date but nan the priority date claimed	In the art. "&" document member of the same patent fa	amily
Date of the a	actual completion of the international search	Date of mailing of the international sear	ch report
2	11	29.06.04	
3	March 2004	* #= at at 04	•
Name and n	nailing address of the ISA	Authorized officer	
	European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk		
	Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Catana, C	

International Application No
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C./Continue	ation) DOCUMENTS CONSIDERED TO BE RELEVANT .	PC B C	3/04/54
Category *	Citation of document, with indication, where appropriate, of the relevant passages	······································	Relevant to claim No.
Χ	PATENT ABSTRACTS OF JAPAN vol. 017, no. 259 (C-1061), 21 May 1993 (1993-05-21) -& JP 05 001355 A (KUBOTA CORP), 8 January 1993 (1993-01-08) abstract; table 1 paragraph [0018]	•	24,55, 60,61
A	paragraph [0014]		1-20
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A	claims 1-5		1-20
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A	column 4, lines 27-30; claims 13		1-20
A	EP 1 065 290 A (SUMITOMO METAL IND) 3 January 2001 (2001-01-03)		
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	ation) DOCUMENTS CONSIDERED TO BE RELEVANT		
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A	US 4 995 922 A (JONGENBURGER PETER) 26 February 1991 (1991-02-26)		
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ational application No. PCT/GB 03/04754

Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)
This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:
Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:
2. X Claims Nos.: 21,22,49,50,54,56,57 because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
see FURTHER INFORMATION sheet PCT/ISA/210
3. Claims Nos.: because they are dependent claims and are not drafted in accordance with the record and third againness of Duly 6.44-1
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).
Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)
This International Searching Authority found multiple inventions in this International application, as follows:
see additional sheet
As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. No required additional search fees were timely hald by the applicant. Consequently, this international Search Report in
4. X No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:
1-20, 24, 26-48, 51, 55, 60, 61
Remark on Protest The additional search fees were accompanied by the applicant's protest. No protest accompanied the payment of additional search fees.
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FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

Continuation of Box I.2

Claims Nos.: 21,22,49,50,54,56,57

The above mentioned claims contain undefined and obscure subject-matter and does not comply with the Rule 6.2(a) PCT.

The applicant's attention is drawn to the fact that claims relating to inventions in respect of which no international search report has been established need not be the subject of an international preliminary examination (Rule 66.1(e) PCT). The applicant is advised that the EPO policy when acting as an International Preliminary Examining Authority is normally not to carry out a preliminary examination on matter which has not been searched. This is the case irrespective of whether or not the claims are amended following receipt of the search report or during any Chapter II procedure. If the application proceeds into the regional phase before the EPO, the applicant is reminded that a search may be carried out during examination before the EPO (see EPO Guideline C-VI, 8.5), should the problems which led to the Article 17(2) declaration be overcome.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-20,24,26-48,51,55,60,61

Oxide dispersion strengthened Ni-Cr-Fe alloy, containing Hf as fine oxide particles, at least one carbide forming element other than Cr, Nb, Ti, W, Ta and Zr, having improved creep resistance, carburisation resistance at high temperatures; method of alloy production
The subject-matter of group 1 concerns the problem of improvement of carburisation and creep resistance at high temperature of Ni-Cr-Fe alloys, which is solved by having fine Hf oxide particles, hence the presence of Hf oxide particles is considered to be the special technical feature.

2. claims: 23, 52, 53

Ni-Cr-Fe alloy comprising up to 5%Hf-containing particles. It is known to have a Ni-Cr-Fe alloy containing up to 5% hafnium carbide particles (see Partial International Search Report, D2, col. 1, line 45-56; col. 2, l. 14-17). Since these claims do not define alloys containing Hf oxide particles, the special technical feature is absent from these claims.

3. claims: 25, 58, 59

Ni-Cr-Fe alloy comprinsing up to 15%Al and up to 5%Hf-containing particles. As mentioned above, it is known to have a Ni-Cr-Fe alloy containing up to 5%Hf and its hafnium particles being carbides (see Partial International Search Report D2, col. 1, line 45-56; col. 2, line 14-17). The subject-matter of these claims is distinguished by the presence of up to 15%Al in the alloy. The technical effect of Al in the alloy is different to the one of Hf oxide, such that there is no common special technical feature.

mation on patent family members

International Application No
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	document earch report		Publication date		Patent family member(s)		Publication date
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